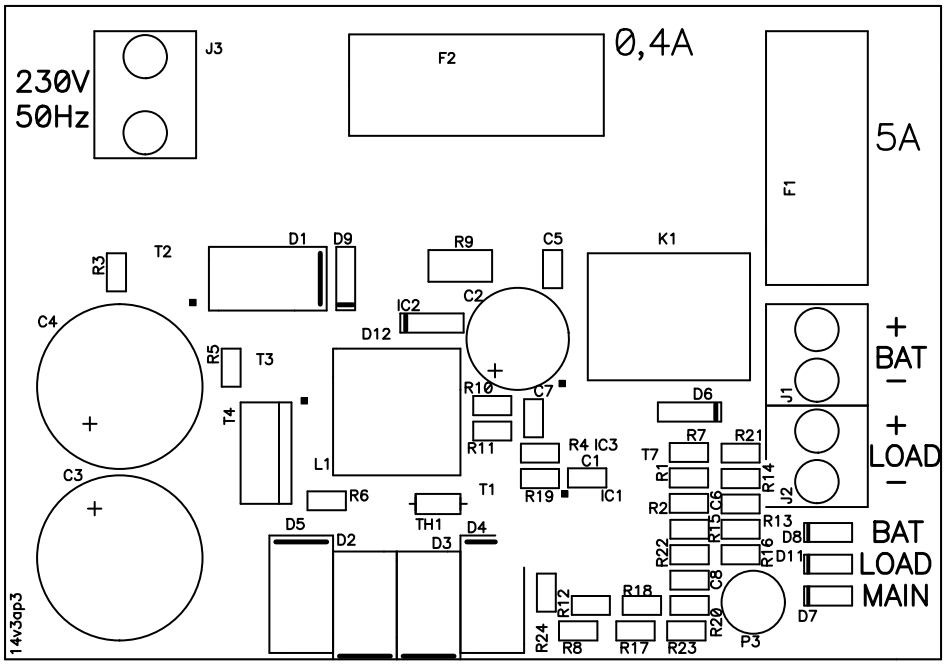
ME.40-14/3ASW-P BATTERY CHARGER USER'S MANUAL

Drawing of the device:



Usage of the device:

The output voltage in battery charger function is 13,8V output current 3A.
Connect output "BAT" (J1) to the battery and the output "LOAD" (J2) to the load. Pay attention to the polarity! Adjusting the output voltage 12VDC the device can be used as a power supply. In this case both outputs "BAT" and "LOAD" 12VDC can be measured.
Connect mains voltage is 230V 50Hz to J3. **Attention! Touching mains connector (J3), fuse (F2) and fixing screws are dangerous!**

Meanings of LED signals:

Mains voltage OK:	MAIN lights continuously
Mains voltage failure:	MAIN lights flashing
Load output switched on:	LOAD lights continuously
Battery voltage OK:	BAT lights continuously
Battery deep-discharge or over-voltage:	BAT lights flashing (LOAD output switched off)
Overheating:	BAT and MAIN light flashing together

The charging end-voltage can be adjusted by potentiometer (P3). The battery is charged automatically (I-U characteristic), no intervention needed. In case of mains break down the battery deep-discharge and failure are prevented by decreasing battery output voltage to 10.5 V and disconnecting the loading.

Input: 230V±10% 50/60Hz
Output: 12V-13,8V DC 3A stabilised
Degree of protection: IP 00
Double insulated